

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: LENHARD et al.

Serial No.: 09/441,493

Group Art Unit: 1645

Filed: November 17, 1999

Examiner: R. Zeman

For: *INFRARED THERMOGRAPHY*

Commissioner for Patents
Washington, D.C. 20231



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AMENDMENT

Sir:

This Amendment A and Response is being submitted in complete response to the Office Action dated September 25, 2001, Paper Number 12. The following amendments and remarks are respectfully submitted.

IN THE CLAIMS

Please add new claims 13 through 16 as follows.

13. A method of determining the temperature of the internal tissues or organs of a mouse, comprising the steps of surgical removal of mouse skin and replacement thereof with an infrared-invisible polymer of equal size of said removed skin and measuring the temperature of the region of the tissue or organ using infrared thermography.

14. The method of claim 13, wherein the method is used to measure the temperature before and after administration of a test agent to said mouse, and wherein a difference in temperature, that is observed following administration of said test agent, indicates that said test agent had a thermodynamic effect on the tissue or organ.

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